L Number	Hits	Search Text	DB	Time stamp
1	0	high near bandwidth near "spin-stand"	USPAT	2004/06/15 15:36
2	27	"spin-stand"	USPAT	2004/06/15 15:04
3	0	large near stroke near "spin-stand"	USPAT	2004/06/15 15:02
4	149	spin adj stand	USPAT	2004/06/15 15:01
5	0	high near bandwidth near ("spin-stand" or	USPAT	2004/06/15 15:01
		(spin adj stand))		=====================================
6	0	large near stroke near ("spin-stand" or	USPAT	2004/06/15 15:02
		(spin adj stand))	33333	2001, 00, 13 13.02
7	و ا		USPAT	2004/06/15 15:03
		disk\$1) adj (drive\$1 or device\$1 or	0072	2001,00,13 13.03
		apparatus))		
8	149		USPAT	2004/06/15 15:04
9	1	(test\$ near component\$1 near ((disc\$1 or	USPAT	2004/06/15 15:07
		disk\$1) adj (drive\$1 or device\$1 or	001111	2004/00/15 15:07
		apparatus))) and ("spin-stand" or (spin adj		
		stand))		
10	645	(coarse near position\$) same (microposition\$	USPAT	2004/06/15 15:08
		or (fine adj position\$))	OSPAT	2004/06/13 13:08
11	4	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:14
	1	((coarse near position\$) same	USPAI	2004/06/15 15:14
		(microposition\$ or (fine adj position\$)))		
12	0	angular near position\$ near actuator\$1 near	USPAT	2004/06/15 15 15
	1	arm\$1 near servo	USFAI	2004/06/15 15:15
13	0	(angular near position\$) same (actuator\$1	USPAT	2004/06/15 15:16
-3		near arm\$1 near servo)	USPAI	2004/06/15 15:16
14	205	angular near position\$ near actuator\$1	HCDATE	2004/06/15 15 15
15	203	((coarse near position\$) same	USPAT USPAT	2004/06/15 15:16
	ľ	(microposition\$ or (fine adj position\$)))	USPAI	2004/06/15 15:16
		and (angular near position\$ near actuator\$1)		İ
16	0	("spin-stand" or (spin adj stand)) and	HODAM	2004/06/15 15 15
1 20	"	(angular near position\$ near actuator\$1)	USPAT	2004/06/15 15:17
17	187551	encoder\$1 or encod\$	HODAM	2224/25/25 25 25
18	212	((coarse near position\$) same	USPAT	2004/06/15 15:17
1 - 0		(microposition\$ or (fine adj position\$)))	USPAT	2004/06/15 15:17
		and (encoder\$1 or encod\$)		i
19	2	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15 10
	_	(((coarse near position\$) same	USPAT	2004/06/15 15:18
		(microposition\$ or (fine adj position\$)))		
		and (encoder\$1 or encod\$))		
20	364	((disc\$1 or disk\$1) adj (drive\$1 or device\$1	HCDAM	2004/05/15 15 10
	301	or apparatus)) near test\$	USPAT	2004/06/15 15:19
21	98	(encoder\$1 or encod\$) and (((disc\$1 or	USPAT	2004/05/35 35 30
		disk\$1) adj (drive\$1 or device\$1 or	USPAI	2004/06/15 15:19
		apparatus)) near test\$)	,	
22	3	((coarse near position\$) same	USPAT	2004/05/15 15 00
	_	(microposition\$ or (fine adj position\$)))	1	2004/06/15 15:20
		and ((encoder\$1 or encod\$) and ((disc\$1 or		
		disk\$1) adj (drive\$1 or device\$1 or		
		apparatus)) near test\$))		
23	2	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/35 35 32
	_	(((coarse near position\$) same	USPAT	2004/06/15 15:20
		(microposition\$ or (fine adj position\$)))	ž.	
		and ((encoder\$1 or encod\$) and (((disc\$1 or		
		disk\$1) adj (drive\$1 or device\$1 or		
		apparatus)) near test\$)))		
24	10		HODAG	2004/06/27 27 27
	10	(((disc\$1 or disk\$1) adj (drive\$1 or	USPAT	2004/06/15 15:20
		device\$1 or apparatus)) near test\$)		
25	ĸ	(high near bandwidth) same (large near	HEDATE	2004/06/15 15 35
		stroke)	USPAT	2004/06/15 15:37
26	0	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/35 35 35
]		((high near bandwidth) same (large near	USPA	2004/06/15 15:37
		stroke))		
27	11793	(high near bandwidth) or (large near stroke)	IICDAM	2004/05/15
28	11773	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:37
	- 1	((high near bandwidth) or (large near	USPAT	2004/06/15 15:40
		stroke))		
29	134		HCDAT	2004/06/35 35 35
		high) near (precision or precis\$)	USPAT	2004/06/15 15:41
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			- _Y	
30	0	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:41
		((transducer\$1 or head\$1) near (improved or		
		high) near (precision or precis\$))		
31	2	spinde\$1 near (head\$1 or transducer\$1)	USPAT	2004/06/15 15:42
32	0	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:42
	İ	(spinde\$1 near (head\$1 or transducer\$1))		
33	1664	motion near platform\$1	USPAT	2004/06/15 15:43
34	2	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:43
		(motion near platform\$1)		-000,00,20 25.15
35	59	(coarse near position\$ near stage\$1) same	USPAT	2004/06/15 15:44
		(microposition\$ ner stage\$1)		2001, 00, 13 13.44
36	3	((coarse near position\$ near stage\$1) same	USPAT	2004/06/15 15:45
		(microposition\$ ner stage\$1)) and	001111	2004/00/13 15:43
		("spin-stand" or (spin adj stand))		
37	1	((high near bandwidth) or (large near	USPAT	2004/06/15 15:45
•	_	stroke)) and ((coarse near position\$ near	USFAI	2004/06/15 15:45
		stage\$1) same (microposition\$ ner stage\$1))		
38	2		HODAM	0004/05/15 15 15
30	1	device\$1 or apparatus)) near test\$) and	USPAT	2004/06/15 15:46
				į
		((coarse near position\$ near stage\$1) same	ŀ	
120	72552	(microposition\$ ner stage\$1))		
39	73552	encoder\$1 or (capacitive near sensor\$1)	USPAT	2004/06/15 15:47
40	26	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:47
		(encoder\$1 or (capacitive near sensor\$1))		1
41	2	((coarse near position\$ near stage\$1) same	USPAT	2004/06/15 15:48
	İ	(microposition\$ ner stage\$1)) and		
1		(("spin-stand" or (spin adj stand)) and		
		(encoder\$1 or (capacitive near sensor\$1)))		
42	5388	PES	USPAT	2004/06/15 15:48
43	4	(("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 15:54
		<pre>(encoder\$1 or (capacitive near sensor\$1)))</pre>		,,
		and PES		
44	0	high near bandwidth near piezoelectric near	USPAT	2004/06/15 15:55
		actuator\$1		= = = = = = = = = = = = = = =
45	0	((high near bandwidth) or (large near	USPAT	2004/06/15 15:57
		stroke)) near ("spin-stand" or (spin adj	001111	2004/00/15 15:57
		stand))		
46	0	(coarse near position\$) same (rotary near	USPAT	2004/06/15 15:58
		microposition\$)	ODIAI	2004/00/13 15:58
47	20	PES near adjust\$	USPAT	2004/06/15 15:59
48	0	("spin-stand" or (spin adj stand)) and (PES	USPAT	2004/06/15 15:59
		near adjust\$)	USPAI	2004/06/15 15:59
49	0	((coarse near position\$ near stage\$1) same	HODAM	0004/05/55 55 50
17	"	(microposition\$ ner stage\$1)) and (PES near	USPAT	2004/06/15 15:59
		adjust\$)		
50	0			
] 30	1		USPAT	2004/06/15 16:00
51	0	adjust\$)		, ,
31		I (to a modely a or meady) mean (improved or	USPAT	2004/06/15 16:00
		high) near (precision or precis\$)) and (PES		j l
52		near adjust\$)		
52	0	(((==================================	USPAT	2004/06/15 16:00
		device\$1 or apparatus)) near test\$) and (PES	_	
53		near adjust\$)		
53	0	temperate to the possible for the state according to the	USPAT	2004/06/15 16:01
1	1	(PES near adjust\$)	1	
54	2	(encoder\$1 or (capacitive near sensor\$1))	USPAT.	2004/06/15 16:01
		and (PES near adjust\$)		
55	0	("spin-stand" or (spin adj stand)) and	USPAT	2004/06/15 16:02
	1	((encoder\$1 or (capacitive near sensor\$1))	1	
1	j	and (PES near adjust\$))	İ	
56	0	((coarse near position\$) same	USPAT	2004/06/15 16:02
		(microposition\$ or (fine adj position\$)))		-001,00,15 10.02
1	į į	and ((encoder\$1 or (capacitive near]
1	1	sensor\$1)) and (PES near adjust\$))		
1				
57	407		USPAT	2004/06/15 16:03
57 58	407 0	(360/77.02).CCLS.	USPAT	2004/06/15 16:07
i I	i i		USPAT USPAT	2004/06/15 16:07 2004/06/15 16:07